

/ Abstract

The present invention relates to a device for performing an assay, which device comprises a substrate having oriented through-going channels, said channels opening out on a surface for sample application, the channels in at least one area of the surface for sample application being provided with a first binding substance capable of binding to an analyte. The object of the present invention is to provide a substrate having both a high channel density and a high porosity, allowing high density arrays comprising different first binding substances to be applied to the surface for sample application. More in particular, the object of the present invention is to provide a device comprising a relatively cheap substrate that does not require the use of any typical microfabrication technology and, that offers an improved control over the liquid distribution over the surface of the substrate. The above objects are achieved with a device as mentioned above wherein the porous substrate is an electrochemically manufactured metal oxide membrane.